

REMARKS

Claims 1-3, 6-8, 11-13, 16-18, 21-23, 26, 27, and 29 remain in the application with claims 1, 6-8, 11, 16-18, 21, 26, 27, and 29 having been amended hereby and claims 4, 5, 9, 10, 14, 15, 19, 20, 24, 25, 28, and 30 having been canceled, without prejudice or disclaimer.

Reconsideration is respectfully requested of the objection to the drawings.

A replacement sheet is submitted hereby in which the typographical error appearing in Fig. 8D is corrected.

Reconsideration is respectfully requested of the objection to the disclosure.

The editorial errors as noted by the examiner have been corrected in the amendments made to the specification hereby.

Reconsideration is respectfully requested of the rejection of claims 1-4, 11-14, and 21-24, under 35 USC 102(b), as being anticipated by the 1394 Trade Association publication.

In paragraph 10 of the instant official action, claims 5-7, 10, 15-17, 20, 25-27 and 30 are objected to as being dependent upon a rejected base claim but would be allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims.

Claim 1 has been amended hereby to include the allowable subject matter of claim 5, claim 11 has been amended hereby to include the allowable subject matter of claim 15 and claim 21 has been amended hereby to include the allowable subject matter of claim 25.

Accordingly, it is respectfully submitted that claims 1-3, 11-13, and 21-23 are patentably distinct over the cited reference.

Reconsideration is respectfully requested of the rejection of claims 1-3, 8, 11-13, 18, 21-23, 28, and 29 under 35 USC 102(e), as being anticipated by Hatae et al.

As noted hereinabove, claim 1 has been placed in allowable form. Claim 8 has been amended hereby to include the allowable subject matter of claim 10. Claims 9 and 10 have been canceled. Claim 11 has been placed in allowable form. Claim 18 has been amended to include allowable subject matter, and claims 19 and 20 have been canceled. Claim 21 has been placed in allowable form. Claim 28 has been canceled and claim 29 has been amended include the allowable subject matter of claim 30. Claim 30 has been canceled.

Therefore, it is respectfully submitted that claims 1-3, 8, 11-13, 18, 21-23, and 29 are now in condition for allowance.

Reconsideration is respectfully requested of the rejection of claims 8, 9, 18, and 19 under 35 USC 103, as being unpatentable over the 1394 Trade Association publication in view of Hatae et al.

As noted hereinabove, claim 8 has been amended to include allowable subject matter and claim 9 has been canceled. Claim 18 has been amended to include allowable subject matter and claim 19 has been canceled. Therefore, it is respectfully submitted that claims 8 and 18 are now in condition for allowance.

Accordingly, by reason of the amendments made to the

independent claims to include allowable subject matter and the changes made to the drawings and specification, it is respectfully submitted that all claims remaining in this application are now in condition for allowance.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,
COOPER & DUNHAM LLP

A handwritten signature in dark ink, appearing to read "Jay H. Maioli". The signature is fluid and cursive, with the first name "Jay" and last name "Maioli" being clearly distinguishable.

Jay H. Maioli
Reg. 27,213

JHM:tb

AMENDMENTS TO THE DRAWINGS

Please amend Fig. 8D by changing "oPCR(n)" to --iPCR(n)--

Attachment:

Replacement sheet

Annotated sheet showing changes

FIG. 8A

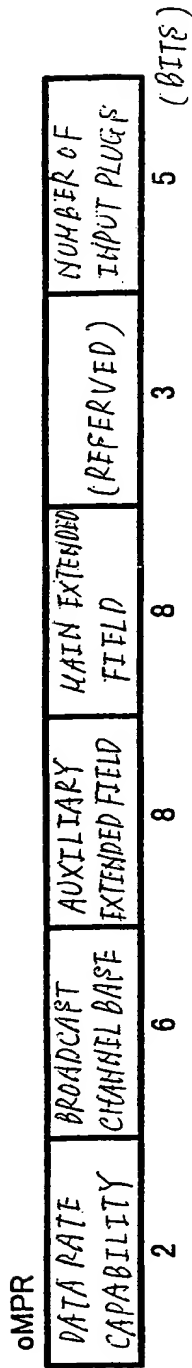


FIG. 8B

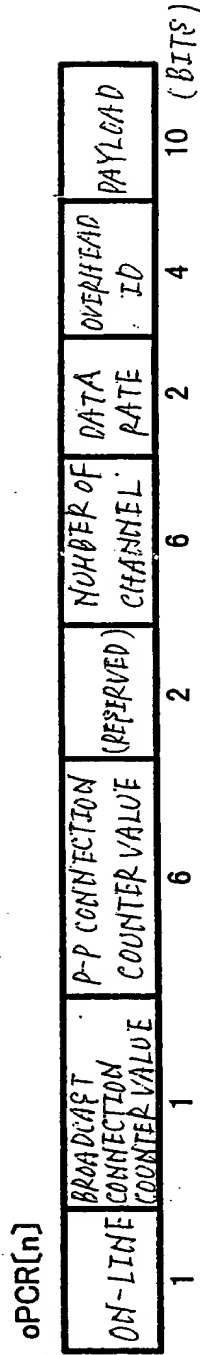


FIG. 8C

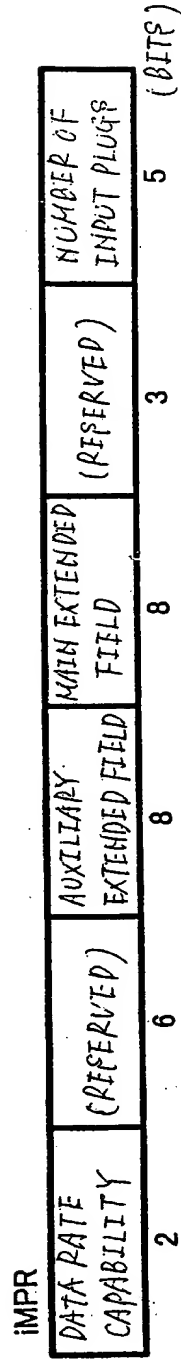


FIG. 8D

